

Appl. No. 10/757,615
Amendment – dated December 21, 2009
Reply to Ex Parte Quayle Action of October 21, 2009

Amendments to the Specification:

Please replace paragraph [0107] with the following paragraph:

The interrelated protocols embodiment 710 schematically depicted in a perspective view in Fig. 7 demonstrates a sample collection of the means in which various combinations of protocols are able to provide the protocol networks' capabilities. The particular means that comprise the interrelated protocols embodiment 710 are merely a representative selection of means with which the present invention can provide the protocol networks' capabilities, and are not limiting of the overall variety of available means. A pair of modified versions of the focused intersection optical apparatus embodiment ~~110~~100 are among the components that comprise the interrelated protocols embodiment 710. These modifications to the focused intersection optical apparatus embodiment ~~110~~100 may involve substituting for and/or excluding at least one of the selectable photon counters 122 and 124, utilizing at least one alternative means for achieving the conditionally responding or discerning operations, and/or interrelating at least one of any remaining photon counters or their substitutes with each other and/or with at least one of any conditionally responding or discerning means employed.

Please replace paragraph [0108] with the following paragraph:

In Fig. 7, components of the modified focused intersection optical apparatuses are referenced by the same part number as indicates the same component of the focused intersection optical apparatus embodiment ~~110~~100 in Fig. 1 (except for an ending letter in Fig. 7 which distinguishes the components of one of the pair of modified focused intersection optical apparatuses from the

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components of the other). A first modified focused intersection optical apparatus 712 is disposed in Fig. 7 above a second modified focused intersection optical apparatus 714. Like numbered components of the pair of modified focused intersection optical apparatus embodiments ~~110~~100 are distinguished from each other by ending in a “F” if indicating a component of the first modified focused intersection optical apparatus 712, and ending in a “S” if indicating a component of the second modified focused intersection optical apparatus 714. Signal photons traverse through both the first modified focused intersection optical apparatus 712 and the second modified focused intersection optical apparatus 714 from left to right, as shown in Fig. 7.